

N/A

1643

PAGE: 1

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/339,103

DATE: 08/16/1999  
TIME: 17:11:40

INPUT SET: S32949.raw

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

(1) General Information:

(i) APPLICANT: PBO, Svante  
KILGER, Christian

(ii) TITLE OF INVENTION: Method for uncoupled, direct, exponential  
amplification and sequencing of DNA molecules with the addition of  
second thermostable DNA polymerase and its application

(iii) NUMBER OF SEQUENCES: 5

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Nikaido, Marmelstein, Murray & Oram LLP  
(B) STREET: 655 Fifteenth Street, N.W.; Suite 330  
(C) CITY: Washington  
(D) STATE: D.C.  
(E) COUNTRY: U.S.A.  
(F) ZIP: 20005-5701

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk  
(B) COMPUTER: IBM PC compatible  
(C) OPERATING SYSTEM: PC-DOS/MS-DOS  
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30

(vi) CURRENT APPLICATION DATA

(A) APPLICATION NUMBER: 09/339,103  
(B) FILING DATE: 24-JUN-1999  
(C) CLASSIFICATION:

(vi) PRIOR APPLICATION DATA

(A) APPLICATION NUMBER: DE 196 53 494.1  
(B) FILING DATE: 20-DEC-1996  
(C) CLASSIFICATION:

(vi) PRIOR APPLICATION DATA

(A) APPLICATION NUMBER: 08/991,184  
(B) FILING DATE: 16-DEC-1997  
(C) CLASSIFICATION:

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Wong, King L.

RECEIVED  
MAR 22 2000  
TC 1500 MAIL ROOM

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/339,103DATE: 08/16/1999  
TIME: 17:11:41

INPUT SET: S32949.raw

47 (B) REGISTRATION NUMBER: 37,500  
48 (C) REFERENCE DOCKET NUMBER: 1614-8090  
49  
50 (ix) TELECOMMUNICATION INFORMATION:  
51 (A) TELEPHONE: (202) 638-5000  
52 (B) TELEFAX: (202) 638-4810  
53  
54 (2) INFORMATION FOR SEQ ID NO: 1:  
55  
56 (i) SEQUENCE CHARACTERISTICS:  
57 (A) LENGTH: 25 base pairs  
58 (B) TYPE: nucleic acid  
59 (C) STRANDEDNESS: single  
60 (D) TOPOLOGY: linear  
61  
62 (ii) MOLECULE TYPE: other nucleic acid  
63 (A) DESCRIPTION: /desc = "oligonucleotide"  
64  
65 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
66  
67 GGCTGGTCCT GCCGCTGCTT GTCAT  
68  
69 (2) INFORMATION FOR SEQ ID NO: 2:  
70  
71 (i) SEQUENCE CHARACTERISTICS:  
72 (A) LENGTH: 27 base pairs  
73 (B) TYPE: nucleic acid  
74 (C) STRANDEDNESS: single  
75 (D) TOPOLOGY: linear  
76  
77 (ii) MOLECULE TYPE: other nucleic acid  
78 (A) DESCRIPTION: /desc = "oligonucleotide"  
79  
80 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
81  
82 CTGCTCCCCA GTGGATCGGG TGTAAC  
83  
84 (2) INFORMATION FOR SEQ ID NO: 3:  
85  
86 (i) SEQUENCE CHARACTERISTICS:  
87 (A) LENGTH: 27 base pairs  
88 (B) TYPE: nucleic acid  
89 (C) STRANDEDNESS: single  
90 (D) TOPOLOGY: linear  
91  
92 (ii) MOLECULE TYPE: other nucleic acid  
93 (A) DESCRIPTION: /desc = "oligonucleotide"  
94  
95 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:  
96  
97 CACCTTTGGG GTGGTGACAA GTGTGAT  
98  
99 (2) INFORMATION FOR SEQ ID NO: 4:

RECEIVED  
MAR 22 2000  
TC 1600 MAIL ROOM

25

27

27

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/339,103DATE: 08/16/1999  
TIME: 17:11:42

INPUT SET: S32949.raw

100  
101 (i) SEQUENCE CHARACTERISTICS:  
102 (A) LENGTH: 24 base pairs  
103 (B) TYPE: nucleic acid  
104 (C) STRANDEDNESS: single  
105 (D) TOPOLOGY: linear  
106  
107 (ii) MOLECULE TYPE: other nucleic acid  
108 (A) DESCRIPTION: /desc = "oligonucleotide"  
109  
110 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:  
111  
112 CGACGTTGTA AAACGACGGC CAGT 24  
113  
114 (2) INFORMATION FOR SEQ ID NO: 5:  
115  
116 (i) SEQUENCE CHARACTERISTICS:  
117 (A) LENGTH: 17 base pairs  
118 (B) TYPE: nucleic acid  
119 (C) STRANDEDNESS: single  
120 (D) TOPOLOGY: linear  
121  
122 (ii) MOLECULE TYPE: other nucleic acid  
123 (A) DESCRIPTION: /desc = "oligonucleotide"  
124  
125 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:  
126  
127 CAGGAAACAG CTATGAC 17  
128

PAGE: 1

**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION US/09/339,103**

DATE: 08/16/1999  
TIME: 17:11:43

*INPUT SET: S32949.raw*

Line	Error	Original Text
------	-------	---------------